

**Tentative Agenda**  
**UNOLS Fleet Improvement Committee Meeting**  
**National Science Foundation**  
**Room 2010**  
**2415 Eisenhower Avenue**  
**Alexandria, VA 22314**  
**Tuesday, December 18, 2018**

**For those joining by Webex, the Log-in details are:**

Click on:

<https://unols.webex.com/unols/j.php?MTID=m66f5c6326d8d78f5e76e383ee0c8bd8f>

Password: fleet18

1-877-668-4490 Call-in toll-free number (US/Canada)

Access code: 803 444 687

**Meeting Focus:**

- 1) Develop Science Mission Requirements for Global Class
- 2) Updating the Fleet Improvement Plan

**0800 Coffee**

**0830 Call the Meeting:** Jim Swift, FIC Chair, will call the meeting to order, outline focus areas for the day, and provide an opportunity for introductions.

**0845 Agency Reports** – Budget status and projections, announcements, and agency initiatives.

- NSF Report – Bob Houtman
- Navy – Tim Schnoor
- NOAA – LCDR Stephen Barry

**0915 Update Fleet Improvement Plan**

- Review Fleet Improvement Plan Suggested Revisions (Google Drive)
- Additional Considerations
  - Projected vessel service life end dates and new construction
  - Provision of Marine Seismics Capabilities
  - Ship Support for US Polar Research
  - Green technologies
- General discussion

***There will be a mid-morning break at 1015.***

**1200 Lunch**

**1300 Over-the-side-Handling Systems** – Rapp/Triplex will discuss the system capabilities installed on R/V *Sikuliaq* and planned for the RCRVs – Fin Moore and Jakob Nielsen

**1320 Update on R/V *Thomas G. Thompson's* power quality issues** – Doug Russell

**1335 Science Mission Requirements for Global Class** – Subcommittee: Greg Cutter (Chair), Jim Swift, Clare Reimers, Suzanne Carbotte, Byron Blomquist, Zoltan Kelety, and Ethan Roth

- Community input – Review results from AGU Town Hall and from Operator survey
- Develop the mission scenarios / science drivers
- Updated list of international Global R/Vs.
- Recommendation for SMRs regarding marine seismics – Suzanne Carbotte and Jamie Austin
- Progress on Polar Research Vessel SMRs by the OPP/AC Subcommittee on the U.S. Antarctic Program’s Research Vessel Procurement – Jim Swift
- Lessons learned from recent vessel construction projects and user debriefs
- Review SMR Ocean Class SMR documents as possible template for Global SMRs:
  - <https://www.unols.org/document/ocean-class-research-vessel-science-mission-requirements-2007>
  - <https://www.unols.org/document/ocean-class-research-vessel-table-smr-values-and-priorities-2009>
- Design the SMR so that it is living
- Draft SMR Document

***There will be a mid-afternoon break at 1430.***

**1645 Closing Remarks** – Jim Swift

**1700 Adjourn FIC Meeting**